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DATE: February 23, 2012

SUBJECT: Organic Data Validation (Level M3)
Site: Dimock
CASE: R33917, PROJECT: 480-16100-1

FROM:

Ex. 4 - CBI

TO: Colleen Walling
ESAT Region 3 Project Officer

OVERVIEW

Case R33917, Project 480-16100-1, from the Dimock site consisted of twenty (20) aqueous samples analyzed for ethylene glycol. All samples were submitted to TestAmerica (TALBUF) for analysis. The sample set contained three (3) field blanks. The samples were analyzed according to Test Methods for Evaluating Solid Waste SW-846 Method 8015B.

SUMMARY

Data were validated according to Region 3 Modifications to the National Functional Guidelines for Organic Data Review, Level M3 and is assigned the Superfund Data Validation Label S4VM (Stage_4_Validation_Manual). Areas of concern with data usability are listed below.

MINOR PROBLEM

- The samples were not preserved when received by the laboratory. Samples FB12, HW51 and HW51-P, collected 2/07/2012, were analyzed 2/15/2012 to 2/17/2012. The technical holding time of seven (7) days for unpreserved organic compounds in these samples was exceeded by one (1) to three (3) days. No positive results were reported in this sample. Quantitation limits were qualified "UL" on the Data Summary Form (DSF).

NOTES

- No positive results were reported in the field samples in this data set. Therefore, no confirmation analyses were required.

- Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) and Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries and Relative Percent Differences (RPDs) were within control limits.

ATTACHMENTS

- 1) Appendix A - Glossary of Data Qualifiers
- 2) Appendix B - Data Summary Forms
- 3) Appendix C - Chain of Custody (COC) Records
- 4) Appendix D - Laboratory Case Narrative

DCN: R33917_Project 480-16100-1DimockM3